

PARUL UNIVERSITY
PARUL INSTITUTE OF APPLIED SCIENCES
MID SEMESTER INTERNAL EXAMINATION, APRIL 2018
B.Sc. Forensic Science. Semester IV

Paper Name: Environmental Science

Date: 29/03/2018

Paper Code: 11107257

Time: 1hr 30min

Max. Marks: 40

Instructions:

1. All questions are compulsory and options are given in first and second question only.
 2. Numbers to the right of question indicate the marks of respective question.
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Q. 1 Attempt **any one** question of the following. **(08)**

- (i) Classify the types of Pollution. Describe in detail the treatment of water pollution
- (ii) Explain in detail the management of Floods

Q. 2 Attempt **any three** questions of the following. **(12)**

- (i) List the individual measures for prevention of air pollution
- (ii) describe the type of air pollutants
- (iii) Enlist the different Laws for prevention of Noise pollution
- (iv) Explain Cyclones
- (v) Describe the Environmental Pollution Act

Q. 3 Do as directed. **Attempt all five questions.** **(05)**

- (i) Define Eutrophication
- (ii) Classify water pollution
- (iii) Define Wildlife Protection Act
- (iv) Why was Odd And Even rule Implemented in Delhi
- (v) In which City of India did the BAN PLASTIC movement started

Q. 4 Write correct option in your answer sheet for following 15 multiple choice questions. **(15)**

1. Flash Floods occur due to:
 - (a) Landslide
 - (b) Melting of a glacier
 - (c) Breaking of dam
 - (d) All of the above

2. Cyclones exhibit which kind of movement in the northern hemisphere of the earth?
 - (a) Anti-Clockwise
 - (b) Clockwise
 - (c) Both of the above
 - (d) None of the above

3. Chief reasons for water pollution are:
 - (a) Urbanization
 - (b) Soil
 - (c) Plastic
 - (d) Washing of Clothes in water

4. The environmental Protection Act was implemented in the year
 - (a) 1984
 - (b) 1986
 - (c) 1987
 - (d) 1985

5. The earth's crust is divided into seven major plates, that are about _____ miles thick, which move slowly and continuously over the earth's interior and several minor plates.
 - (a) 40
 - (b) 78
 - (c) 10
 - (d) 50

6. Types of air pollution are:
 - (a) Indoor air pollution
 - (b) Outdoor air pollution
 - (c) Both of the above
 - (d) None of the above

7. The environmental Protection Act is divided into _____ sections.
 - (a) 23
 - (b) 4
 - (c) 26
 - (d) 2

8. Smog is an example of
 - (a) Indoor pollution
 - (b) Primary pollutant
 - (c) Secondary Pollutant
 - (d) Both Primary and Secondary

9. Cooling coils can be used for treatment of:
 - (a) Air pollution
 - (b) Water Pollution
 - (c) Soil Pollution
 - (d) Noise pollution

10. Cyclones occur in
 - (a) High pressure areas
 - (b) Intense High pressure areas
 - (c) Intense Low Pressure area
 - (d) Low Pressure areas

11. What is the height of water required to sweep away a man/woman
 - (a) 4.5 ft
 - (b) 6 ft
 - (c) 2 Ft
 - (d) 10 ft

12. The EPA is enacted under article
(a) 46 (b)123
(c)253 (d) 250
13. Wildlife Protection Act protects
(a) Plant species (b)Domestic Species
(c)Wildlife Species (d) All of the above
14. NDHA works in cases of:
(a) Health Issues (b) Natural Disasters
(c)Man-Made disasters (d) Natural and Man-Made Disasters
15. Bihar and Orissa Motor Vehicle Rules, 1930 was implemented for the prevention of which type of pollution?
(a) Air Pollution (b) Noise Pollution
(C) Water pollution (d) Soil Pollution

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